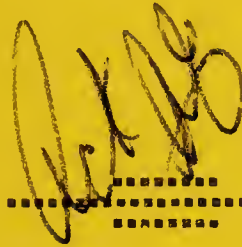


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Worksoy Rural District Council


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ANNUAL REPORT

for

Year ended 31st December, 1963

by

M. B. McCANN

Medical Officer of Health

L.R.C.P., L.R.C.S., L.M., D.P.H.



BOROUGH OF WORKSOP

*With the
Medical Officer's Compliments*

*Park House,
Worksop.*

Workop Rural District Council



ANNUAL REPORT

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Worksop Rural District Council

YEAR ENDED 31ST DECEMBER, 1963.

Chairman :

Councillor S. SLACK, J.P.

Vice-Chairman :

Councillor Mrs. E. WILSON

Councillor H. E. BOOTH

Councillor F. BROUGH

Councillor G. CAWTHORNE

Councillor R. S. DADLEY

Councillor Mrs. P.V.J. CARTWRIGHT

Councillor R. W. DAVIES

Councillor T. DENNIS, J.P.

Councillor H. GREAVES

Councillor J. GYTE

Councillor W. J. HAKES

Councillor Mrs. B. A. HARRISON

Councillor N. HAWKINS

Councillor N. L. JACKSON

Councillor C. JAMES

Councillor J. H. LACEY

Councillor H. ROBINSON

Councillor Mrs. M. E. ROGERS

Councillor H. STOKES

Councillor Mrs. M. WATERHOUSE

Medical Officer of Health :

M. B. McCANN, L.R.C.P., L.R.C.S., L.M., D.P.H.

Surveyor and Chief Public Health Inspector :

C. J. PHILLIPS, M.R.S.H., C.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors :

C. TURBERFIELD, Cert.R.S.H., M.A.P.H.I.

E. WOOD, Cert.R.S.H., M.A.P.H.I.

PUBLIC HEALTH DEPARTMENT,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

July, 1964.

TO THE CHAIRMAN AND MEMBERS OF THE WORKSOP RURAL DISTRICT
COUNCIL.

SIR, LADIES AND GENTLEMEN,

I have the honour to submit for your consideration the annual health report for the year ended 31st December, 1963, together with the vital statistics relative to that period.

The population figure of 18,120 represents an increase of 60 over the corresponding figure for last year.

The birth rate is 20.0 per thousand of the population. The figure for England and Wales is 18.2.

The death rate at 11.0 per thousand of the population is below that for England and Wales (12.2).

The infant mortality rate at 43.7 per thousand live births, is above that for England and Wales (20.9) and an explanatory note is included in the text.

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council, and for this information I am indebted to the County Medical Officer.

I am,

Your obedient Servant,

M. B. McCANN,
Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	17,548
Population (estimated mid-year)	18,120
No. of inhabited houses at 31st March, 1964	5,473
Rateable Value at 31st March, 1964	£513,100
Penny Rate Product at 31st March, 1964	£2,033

VITAL STATISTICS.

Live Births.	M.	F.	Total
Legitimate	180	163	343
Illegitimate	9	11	20
Illegitimate live births per cent. of total live births			5.5
Birth rate per 1,000 of the population			20.0
Birth rate per 1,000 of population of England and Wales			18.2
Still Births.	M.	F.	Total
Legitimate	5	6	11
Illegitimate	—	—	Nil
Total Live and Still Births.			374
Rate per 1,000 (live and still) births			29.0
Rate per 1,000 estimated population			.61
Maternal Mortality (including Abortion) :			
Number of deaths			Nil
Infantile Mortality (Deaths of Infants under 1 year) :			
	M.	F.	Total
Deaths of Legitimate infants under 1 year	11	4	15
Deaths of Illegitimate infants under 1 year	—	—	Nil
Death rate of legitimate infants per 1,000 legitimate live births			43.7
Infant mortality rate for England and Wales per 1,000 live births			20.9
Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)			22.0
Early Neo-Natal Mortality Rate (Deaths under 1 week per 1,000 total live births)			16.5
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total live and still births)			45.4

Deaths.	M.	F.	Total
	119	81	200

Death rate per 1,000 estimated population 11.0

Death rate per 1,000 population England and Wales 12.2

All the above rates are calculated on the estimated population given by the Registrar General.

Mortality. The causes of deaths were :—

	M.	F.
Influenza	1	1
Respiratory tuberculosis	—	—
Tuberculosis (other forms)	—	—
Hyperplasia of prostate	1	—
Cancer (all forms)	18	13
Vascular disease of the nervous system	10	6
Heart disease	36	23
Other circulatory diseases	5	5
Pneumonia	9	12
Bronchitis	8	5
Gastritis, enteritis and diarrhoea	3	—
Other defined and ill-defined diseases	8	11
Motor vehicle accidents	1	1
All other accidents	1	1
Diabetes	1	—
Congenital malformations	3	1
Other diseases of respiratory system	12	—
Ulcer of stomach and duodenum	1	—
Suicide	—	2
Kidney disease	1	—
	119	81

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Measles.

During the year 453 cases of Measles were notified.

Measles usually occurs in epidemics of two-yearly cycles, and 1963 was an epidemic year.

Scarlet Fever.

Four cases of scarlet fever were notified and the disease continues to be mild in type.

Whooping Cough.

One case of whooping cough was notified during the year. The number of children immunised against the disease was 288.

Food Poisoning, Enteric Fever.

There were three cases of food poisoning notified during the year.

Dysentery.

Sixty-four cases of dysentery were notified during the year. The disease was mild in type and occurred mostly in the school population.

I am aware that there may be a reluctance to attach the title dysentery with its ugly connotation—a disease of armies in the field with the mild symptoms of abdominal colic and looseness that so frequently characterizes the sonne type of the disease. Mild though it often is, it is still dysentery, and as such is notifiable to the Medical Officer of Health under the Public Health Act of 1936.

These cases were discovered by the Health Department as the result of absenteeism from school.

It is extremely difficult to assess the true incidence of this infection as often the parent does not call in a doctor and the Health Department has to rely on information from the school.

Homes are visited and specimens taken for laboratory analysis not only from the patient but from contacts in the home. With this infection it is often found that other persons become carriers without showing any symptoms.

Although the infection can be spread by food, milk and water, usually it is passed from one infected school child to another.

Once the department is aware that the infection is occurring, paper towels and special hand antiseptic for the washbowls are provided for the school in question in an attempt to break the chain of infection.

For England and Wales as a whole last year there were over 30,000 cases of dysentery officially reported, but the true figure would be probably ten times that number.

Tuberculosis.

There were seven cases of pulmonary tuberculosis notified during the year.

B.C.G. Skin Testing and Vaccination.

Tuberculin testing followed by B.C.G. vaccination was offered to children in the 11th year age group and upwards :

Number of children skin tested	176
Number of children positive	24
Number of children negative	137
Number of children vaccinated	137

Diphtheria.

There were no cases of diphtheria notified during the year.

In order to keep this disease from re-appearing, it is necessary to try to protect at least 75% of the children under 15 years.

	No. of children who completed a full course of treatment	
	Under 5	Over 5
1957	252	13
1958	264	11
1959	301	23
1960	315	20
1961	312	32
1962	262	11
1963	286	13

Poliomyelitis.

There were no cases of poliomyelitis notified during the year.

Poliomyelitis Vaccination.

The number of persons who received three doses of oral vaccine was 315.

Smallpox.

The number of persons vaccinated against smallpox was 111.

Infant Mortality.

There were fifteen deaths under one year giving an infant mortality rate of 43.7.

Table I.
Comparative Infant Mortality Rates.

Year	Worksop Rural District	England & Wales
1957	17.8	23.0
1958	31.6	22.5
1959	13.0	22.0
1960	32.6	21.7
1961	9.4	21.4
1962	33.6	21.4
1963	43.7	20.9

The causes of death are analysed in Table II.

Of the fifteen deaths notified, four were due to prematurity, three to broncho-pneumonia and three to heart disease.

Prematurity is a problem in itself and until we know much more about its cause, there is little we can do about it.

ENVIRONMENTAL HEALTH.**Medical Examination of Staff.**

For superannuation and other purposes nineteen members of the Council's staff were medically examined by me during the year.

HOME HELP SERVICE.

The demand for Home Help in the Worksop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties, and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 4/6d. per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 61 Carlton Road, Worksop—Telephone : Worksop 2884, where the service is administered by the District Organiser and an Assistant.

NURSING IN THE HOME.

The names and addresses of the District Nurses residing in Worksop Rural District are as follows :—

Name	Address	Tel. No.	Available for
*E. Dyson	Willow Dene, Styrrup Road, Harworth	Tickhill 288	Harworth and Styrrup
*M. Mowforth	Willow Dene, Styrrup Road, Harworth	Tickhill 288	
*N. Richardson	4 Sandrock Road, Harworth	Tickhill 363	
*C. E. Walton	16 Markham Road, Langold	North Carlton 258	Langold Carlton-in-Lindrick Wallingwells
*S. Rollinson	The Cedars, Thorne Road, Austerfield, Nr. Doncaster	Bawtry 409	Blyth Oldcotes Hodsock
G. E. Steele	5 Alandale Avenue, Langwith Junction	Shirebrook 453	Nether Langwith Cuckney Welbeck Holbeck Carburton Norton

*These District Nurses also do Midwifery.

MATERNITY AND CHILD WELFARE.

The Clinics for both Ante-Natal and Child Welfare are available as follows :—

Harworth. Scrooby Road, Bircotes.

A.N.	Weekly	Friday	2-0 p.m. to 4-30 p.m.
C.W.	Weekly	Monday	2-0 p.m. to 4-30 p.m.
	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Langold. Temporary School Buildings, Firbeck Crescent.

C.W.	Weekly	Tuesday	2-0 p.m. to 4-30 p.m.
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Blyth Parish Room.

A.N.	Monthly	Friday	2-0 p.m. to 4-30 p.m.
C.W.	Fortnightly	Friday	2-0 p.m. to 4-30 p.m.

Carlton-in-Lindrick. Long Lane.

C.W.	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.
Toddlers' Clinic			
	Fortnightly	Thursday	9-30 a.m. to 12 noon

Welbeck. Lady Margaret Hall.

C.W.	Fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.
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County Midwives are also available throughout the district as follows :—

Name	Address	Tel. No.	Available for
M. M. Hawke	14, Percival Street, Worksop	Worksop 3745	Carburton Norton Holbeck
I. Chapman	24, South Parade, Worksop	Worksop 2334	
E. Renshaw	256, Mansfield Road, Worksop	Worksop 3824	

E. Saxton	11, Harewood Road, Worksop	Worksop	2961	} Welbeck
I. Oliver	25, George Street, Worksop	Worksop	2437	
S. Billing	21, Kipling Close, Worksop	Worksop	3727	
R. A. Moore	2, Oakholme Rise, Worksop	Worksop	2637	
L. Yates	213, Forest Road,	Warsop	2112	Cuckney
M. Hunt	9, Lindrick Close, Carlton-in-Lindrick	North Carlton	324	Carlton-in- Lindrick

SCHOOL MEDICAL SERVICES.

School and dental clinics are held as given hereunder :—

School Clinics.

Bircotes—Scrooby Road—

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Fridays.

Langold.—Temporary School Buildings, Firbeck Crescent—

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends alternate Fridays.

Dental Clinics.

Bircotes—Child Welfare Centre, Scrooby Road—

Treatment by Appointment as follows :

Wednesday 9-00 a.m. to 12 noon.

1-30 p.m. to 4-00 p.m.

VENEREAL DISEASES.

The Sheffield Regional Hosptial Board is responsible for the control and treatment of Venereal Diseases throughout the area. Special Clinics are available as follows :—

Mansfield—Held at Mansfield and District Hospital.

Monday	2-0 p.m. to 4-0 p.m.	Female
Tuesday	10-0 a.m. to 12 noon	Male
	3-45 p.m. to 5-45 p.m.	Male
Wednesday	4-0 p.m. to 6-0 p.m.	Female

Worksop—held at Watson Road Clinic.

Wednesday	10-0 a.m. to 12 noon	Male & Female
Friday	10 a.m. to 12 noon	Male & Female

Doncaster—held at Royal Infirmary.

Monday	9-0 a.m. to 12 noon	Male
	2-0 p.m. to 4-0 p.m.	Male
	4-30 p.m. to 7-0 p.m.	Female
Thursday	9-0 a.m. to 12 noon	Female
	2-0 p.m. to 4-0 p.m.	Female
	4-30 p.m. to 7-0 p.m.	Male
Saturday	9-0 a.m. to 12 noon	By appointment

Gainsborough—held at John Coupland Hospital.

Friday	6-0 p.m. to 7-0 p.m.	Male & Female
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Sheffield—held at the Jessop Hospital.

Tuesday	4-0 p.m. to 6-0 p.m.	Female and children
Thursday	4-0 p.m. to 6-0 p.m.	By appointment

Sheffield—held at the Royal Hospital.

Monday	9-30 a.m. to 12 noon.	Male
Tuesday	9-30 a.m. to 12 noon	Female
	2-0 p.m. to 4-0 p.m.	Female
	4-30 p.m. to 6-30 p.m.	Male
Wednesday	9-30 a.m. to 12 noon	Male
Thursday	9-30 a.m. to 12 noon	Female
Friday	9-30 a.m. to 12 noon	Male
	4-30 p.m. to 6-30 p.m.	Male
Saturday	9-30 a.m. to 12 noon	Male & Female

Sheffield—held at the Royal Infirmary.

Monday	2-0 p.m. to 4-0 p.m.	Male & Female
	5-0 p.m. to 7-0 p.m.	Male & Female
Thursday	5-0 p.m. to 7-0 p.m.	Male & Female

TABLE II.
CAUSES OF DEATH—INFANTS UNDER 1 YEAR.

CAUSES OF DEATH	AGE																					Total
	DAYS											MONTHS										
	Under 1	1	2	3	4	5	6	7-13	14-20	21-28	1	2	3	4	5	6	7	8	9	10	11	
Prematurity	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Broncho-pneumonia	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3
Cerebral Anoxia	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1
Heart Disease	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3
Subarachnoid Haemorrhage	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Gastro Enteritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Atelectasis	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Laryngotracheitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
TOTAL	2	-	3	-	-	1	1	1	1	-	1	1	1	1	-	1	-	-	-	2	-	15

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR, 1963.

NOTIFIABLE DISEASES	At all ages	Under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—25	25—35	35—45	45—65	65 and over	Bawtry	Bircotes	Carlton-in-Lindrick	Harworth	Langold	Welbeck	Blyth	Nether Langwith	Cuckney	Carburton	Hesley Hall	Hodsock	Styrrup	Costhorpe	Oldcotes
Dysentery	64	—	6	1	5	3	35	9	1	1	2	1	—	—	1	55	2	1	—	2	—	—	—	—	—	—	3	—
Paralytic Polio-myelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	453	24	37	50	64	62	208	7	1	—	—	—	—	39	113	128	63	82	6	4	2	1	—	—	—	3	6	6
Scarlet Fever	4	—	—	1	—	—	3	—	—	—	—	—	—	—	—	2	1	1	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia	2	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Whooping Cough	1	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	1	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	1	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	3	—	1	—	—	—	—	—	2	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	—	—	—

TABLE IV.

Tuberculosis 1963

Age Periods in years	New Cases.				Deaths.			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-8	—	—	—	—	—	—	—	—
3-4	—	—	—	—	—	—	—	—
4-5	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—
15-20	1	—	—	—	—	—	—	—
20-35	—	—	—	—	—	—	—	—
35-45	—	—	—	—	—	—	—	—
45-65	3	—	—	—	—	—	—	—
65 and over	3	—	—	—	—	—	—	—
Totals	7	—	—	—	—	—	—	—

The following table shows the number of new cases and deaths arising in the district during each of the past 10 years :—

Year	New Cases	Deaths
1954	14	3
1955	13	4
1956	20	2
1957	12	1
1958	13	1
1959	11	2
1960	7	2
1961	12	1
1962	13	—
1963	7	—

HOUSING.

	<i>Council</i>	<i>Private Enterprise</i>
The number of new houses completed in the year	98	96
The number completed since the end of the war	1,254	594

During the year 1963, the number of houses represented as being unfit for human habitation was 25.

The total number of persons in the families involved was 35

No Clearance Areas were declared during the year.

**PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACT, 1961.**

PART I. OF THE ACT.

1. INSPECTIONS for the purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	26	19	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	3	—	—
TOTAL	29	22	—	—

2. Cases in which DEFECTS were found :—

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)—					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	1	1	—	1	—

PART VIII. OF THE ACT.

Outwork.

(Sections 110 and 111).

Section 110			Section 111		
No. of out-workers in August list required by Section 110(1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecu- tions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prose- cutions (7)
—	—	—	—	—	—

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

SANITARY INSPECTION OF THE AREA.

Report made to the Medical Officer of Health in pursuance of Article 25 of the Public Health Officers Regulations, 1959.

C. J. PHILLIPS,
Chief Public Health Inspector.

1. INFECTIOUS DISEASE.

The home conditions and possible sources of infection of all cases of infectious diseases are investigated. Where necessary the rooms occupied by the patient are fumigated and the householders are given instructions on the cleansing of the houses and effects ; disinfectant fluid is supplied by the Council, free of charge, for this purpose.

Four visits were made in connection with four cases of scarlet fever notified during the year in addition to 581 visits made to cases of suspected food poisoning, dysentery, and contacts, etc.

2. WATER SUPPLIES.

Public Supplies.

On the 1st October, 1963, the Central Nottinghamshire Water Board became operative and the Council ceased to be responsible for the supply and distribution of water. Prior to the 1st October, the details of the six public sources, only one of which—Blyth Waterworks—was under the direct control of the Worksop Rural District Council, were as follows :—

	Source of Supply.	Distribution.	Parishes.
1. Worksop Corporation	Deep boreholes, Sunnyside, Worksop	Gravity supply from Reservoir, Peaks Hill, Carlton-in-Lindrick	1. Carlton-in-Lindrick 2. Hodsock 3. Oldcotes 4. Wallingwells
2. Blackwell Rural District Council	Three deep boreholes, Budby	Direct from main at Whaley Thorne from reservoirs at Stoney Houghton	1. Nether Langwith
3. Don Valley Water Board	Three deep boreholes at Austerfield.	Gravity supply from reservoir, Bawtry	1. Part of Harworth
4. National Coal Board	Deep borehole, South Carr, Harworth	Gravity supply from elevated tank at Harworth	1. Harworth (major part) 2. Styrrup
5. Welbeck Estates	Deep borehole, Carburton	Gravity supply from storage tank at Clumber and Cuckney	1. Carburton 2. Norton 3. Holbeck 4. Welbeck 5. Cuckney
6. Worksop Rural District Council	Deep borehole, Blyth	Gravity supply from storage tank, Blyth	Parish of Blyth

In addition to the parish of Blyth, prior to the formation of the Central Nottinghamshire Water Board, the Council was the responsible authority for the distribution of the supplies in their area for the parishes of Carlton-in-Lindrick, Hodsock, Styrrup-with-Oldcotes, Nether Langwith and part of Harworth. The National Coal Board continue to undertake distribution of the water to Bircotes Colliery village and the Welbeck Estates Co. Ltd., is still responsible for supplying the parishes of Carburton, Norton, Holbeck, Welbeck and Cuckney.

Worksop Corporation Supply.

As stated in my last report, the supply of water obtained from the Worksop Borough Council for use in the parishes of Carlton-in-Lindrick, Hodsock, Wallingwells and Oldcotes proves to have become inadequate. Following discussions with the Borough Council it became apparent that there was no prospect of an increased supply from this source in the near future and it was therefore decided to proceed with the construction of two boreholes in the Council's area to supplement the supply from the Borough Council.

The sinking of the two boreholes was carried out during the year but test pumping showed that the yield was lower than anticipated and a third borehole is to be constructed.

This action was commenced before the Council ceased to be responsible for the supply and distribution of water.

(a) Bacteriological Examination.

Samples of water from the public supplies were taken regularly throughout the year and the reports indicate that a satisfactory standard of purity was generally maintained.

Fifty-one samples were taken for bacteriological examination, the reports on forty-seven samples were satisfactory and four were unsatisfactory. Further samples from the source yielding the unsatisfactory samples proved to be satisfactory and no further action was therefore necessary.

(b) Chemical Analysis.

Twelve samples were taken for chemical analysis from the public supplies during the year.

The reports on all the samples were satisfactory and the following is a copy of the Analyst's reports on samples from each of the six public supplies :—

	Workshop Corporation Supply	Workshop R.D.C. Bulk Supply	Welbeck Estates Private Supply
	No. 1	No. 2	No. 3
PHYSICAL CHARACTERS.			
Suspended Matter	none	none	none
Appearance of a column 2 ft. long	clear : colourless	clear : colourless	clear : colourless
Taste	normal	normal	normal
Odour	none	none	none
CHEMICAL EXAMINATION.			
	Parts per Million		
Total Solids dried at 180°C.	892.0	582.0	360.0
Chlorides in terms of Chlorine	164.0	49.0	35.0
Equivalent to Sodium Chloride	272.0	80.7	57.7
Nitrites	none	none	none
Nitrates as Nitrogen	18.0	14.0	3.50
Poisonous Metals (Lead etc.)	none	none	none
Total Hardness	334.0	426.0	256.0
Temporary Hardness	244.0	200.0	105.0
Permanent Hardness	90.0	226.0	151.0
Oxygen Absorbed in 4 hours at 80°F.	0.41	0.57	0.45
Ammoniacal Nitrogen	0.012	0.018	0.008
Albuminoid Nitrogen	0.024	0.048	0.008
Free Chlorine	none	—	—
pH Value	7.6	7.5	7.8

	Blackwell R.D.C. Bulk Supply	Don Valley Water Board Supply	N.C.B. Bulk Supply Harworth Colliery
	No. 4	No. 5	No. 6
PHYSICAL CHARACTERS.			
Suspended Matter	none	none	none
Appearance of a column 2 ft. long	clear : colourless	clear : colourless	clear : colourless
Taste	normal	normal	normal
Odour	none	none	none

CHEMICAL EXAMINATION.

Parts per Million

Total Solids dried at 180°C	462.0	226.0	418.0
Chlorides in terms of Chlorine	102.0	21.0	54.0
Equivalent to Sodium Chloride	173.0	34.7	89.0
Nitrites	none	none	none
Nitrates as Nitrogen	3.0	3.0	4.5
Poisonous Metals (Lead etc.)	none	none	none
Total Hardness	272.0	168.0	280.0
Temporary Hardness	116.0	136.0	141.0
Permanent Hardness	156.0	32.0	139.0
Oxygen Absorbed in 4 hours at 80°F.	0.37	0.24	0.49
Ammoniacal Nitrogen	0.012	0.004	0.016
Albuminoid Nitrogen	0.040	0.008	0.032
Free Chlorine	none	none	none
pH Value	7.7	7.8	7.7

(c) **Water Main Extensions.**

One hundred and ninety-four additional houses have been supplied with water from the public mains during the year.

Five water main extensions were carried out during the year as follows :—

- (1) A 3-in. cast iron water main extended for a distance of 333 yards to supply houses in course of erection by private enterprise off Martin Lane, Bawtry.
- (2) A 4-in. cast iron water main extended for a distance of 264 yards to supply houses in course of erection by the Council off Beech Road, Harworth.
- (3) The water main extended for a distance of 209 yards in 3-in. and 26 yards in 2-in. cast iron pipes to supply houses erected by the Council in Queens Walk, Nether Langwith.
- (4) A further 79 yards of 3-in. cast iron pipes were laid to complete the water main extension to supply the group bungalow scheme erected by the Council in Dadley Road, Carlton-in-Lindrick.
- (5) A short extension to the water main of 4 yards in 3-in. cast iron pipes was made in Briber Road, Blyth, to supply a pair of houses erected by private enterprise.

(d) Dwellinghouses supplied from the public mains.

Parish	No. supplied direct to houses	Estimated Popu- lation	No. supplied by means of standpipe	Estimated Popu- lation
Blyth	303	883	1	4
Carburton	46	136	—	—
Carlton-in-Lindrick	1,121	3,533	—	—
Cuckney	88	284	—	—
Harworth	2,384	8,036	—	—
Hodsock	929	3,354	—	—
Holbeck	100	328	—	—
Nether Langwith	159	520	—	—
Norton	70	216	—	—
Styrrup-with- Oldcotes	129	442	—	—
Wallingwells	12	34	—	—
Welbeck	15	81	—	—
	<hr/>	<hr/>	<hr/>	<hr/>
	5,356	17,847	1	4
	<hr/>	<hr/>	<hr/>	<hr/>

3. DRAINAGE AND SEWERAGE.

The following new works of sewerage and sewage disposal were carried out during the year :—

- (1) 283 yards of foul water sewer in 9-in. earthenware pipes were constructed to serve houses in course of erection by the Council off Beech Road, Harworth. 267 yards of surface water sewer in 9-in. earthenware pipes were also laid on this site.
- (2) A further 122 yards of foul water sewer in 6-in. earthenware pipes were constructed to serve houses in course of erection in Long Lane, Carlton-in-Lindrick.

Harworth Sewage Disposal Works.

The scheme to provide new settlement tanks, dosing tank, filter beds, humus tanks, sludge pumping station, with sludge drying beds, sludge digestion tanks, and other ancilliary works at Harworth Sewage Disposal Works, was completed during the year.

Oldcotes Sewerage Scheme.

The scheme for the laying of sewers throughout the village of Oldcotes and the erection of a pumping station with ancilliary works was completed during the year.

Hodsock Sewage Disposal Works.

The construction of additional filter beds, humus tanks, settlement tanks and other ancilliary works has proceeded during the year.

Styrrup Sewerage Scheme.

The scheme for the laying of sewers throughout the village of Styrrup and the erection of a pumping station with ancilliary works was about to commence at the end of the year.

4. CLOSET CONVERSIONS.

The Council continued to approve a grant to owners of dwelling-houses of 50% of the total cost, but not exceeding £15 per dwelling-house, towards the cost of converting sanitary conveniences of the conservancy type into water closets where application was made and a contribution recommended under Section 47 of the Public Health Act, 1936.

Applications for contributions towards the cost of conversions were approved under this Act in respect of 2 dwellinghouses during the year.

Conversions were also carried out with the aid of grant under the House Purchase and Housing Act, 1959, and the Housing (Financial Provisions) Act, 1958.

A total of 11 conversions were completed during the year, 2 in the parish of Blyth, 1 in the parish of Carlton-in-Lindrick, 2 in the parish of Cuckney, 4 in the parish of Hodsock and 2 in the parish of Styrrup-with-Oldcotes.

5. PUBLIC CLEANSING.

Refuse collection services were operated by direct labour throughout the district.

The service consisted of the weekly emptying of dustbins and pail closets and the cleansing of privies and ashpits every six weeks.

The number of type of these receptacles is as follows :—

Dustbins	.....	.....	.....	.....	.....	6,002
Pail closets	.....	.....	.....	.....	.....	177
Privy middens	.....	.....	.....	.....	.....	56
Ashpits	.....	.....	.....	.....	.....	25

Controlled tipping was carried out as far as possible.

Routine treatments of refuse tips were carried out during the year to prevent nuisance from rats etc.

The Council maintained and operated one Austin refuse collection vehicle, one Shelvoke & Drewry vehicle of 16/18 cubic yards capacity and two Shelvoke & Drewry vehicles, each of 13 cubic yards capacity.

21 men were employed on an average throughout the year on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :—

Population served in all parishes	.....	18,120
Total number of premises given regular service	..	5,557
Total number of dustbins emptied during the year	.....	307,630
Total number of pail closets emptied during the year	...	11,152
Total number of ashpits emptied during the year	.....	247
Total number of privy middens emptied during the year		704
Mileage travelled by the four vehicles	.....	40,752
Cost of operation of the cleansing service by direct labour for the year ended 31/3/64		£18,493
		(including £1,000 lorry reserve fund)
Cost of operation of the cleansing service by direct labour for the year ended 31/3/63	.....	£15,948
		(including £1,000 lorry reserve fund)

6. INFESTATION.

(a) Bed Bugs.

Only one case of infestation of bed bugs came to the notice of the Department during the year.

(b) Rodent Control.

The refuse tips, sewage disposal works, and other lands and premises owned or occupied by the Council were kept under observation, and treatment carried out when necessary.

37 minor infestations of rats and 6 infestations of mice were also dealt with in connection with dwellinghouses.

7. MEAT AND OTHER FOOD.

There are no licensed slaughterhouses in the district, the butchers obtaining their meat wholesale or by using licensed slaughterhouses in adjoining districts.

Licences to slaughter or stun animals outside the Council's district were renewed in respect of six slaughtermen.

Particulars of foods (other than raw meat) surrendered or seized during the year :—

Nature of Food Condemned.	Reason for Condemnation.	Quantity.
Meat	Tins blown, pierced or crushed	20 tins
Fruit	do.	13 tins
Tomatoes	do.	13 tins
Peas	do.	3 tins
Milk	do.	2 tins
Soup	do.	2 tins

Total weight—98 lbs.

8. FOOD & DRUGS ACT, 1955—SECTION 16.

The number of premises registered at the end of the year under Section 16 of the Food & Drugs Act, 1955, was as follows :—

For the storage and sale of ice cream	45
For the preparation or manufacture of sausages etc.	7

9. FOOD HYGIENE REGULATIONS, 1955-60.

Total number of inspections of food premises	72
Number of defects or unsatisfactory conditions found	9
Number of defects or unsatisfactory conditions remedied during the year	9

10. HOUSING.

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served where necessary.

Details of inspections are as follows :—

Total number of houses inspected	40
Number of inspections made for the purpose	57

Action taken under the Housing Act, 1957.

Number of unfit houses in respect of which representations were made to the Council under Section 16 of the Housing Act, 1957	25
---	----

Number of houses in respect of which Demolition Orders were made	4
--	---

Number of families displaced from unfit houses during the year	30
--	----

(100 persons)

Number of families (included above) rehoused by the Council from unfit houses	26
---	----

(87 persons)

House Purchase and Housing Act, 1959, and the Housing (Financial Provisions) Act, 1958.

Number of houses improved with the aid of grant	16
---	----

New Houses.

98 houses were completed by the Council and occupied during 1963, as follows :—

PARISH OF CARLTON-IN-LINDRICK.

18 grouped dwellings for aged persons and warden's flat.

PARISH OF HARWORTH.

20 grouped dwellings for aged persons and warden's flat.

24 bungalows for aged persons.

PARISH OF NETHER LANGWITH.

22 houses and 8 bungalows.

PARISH OF STYRRUP-WITH-OLDCOTES.

4 houses in the village of Styrrup.

The following is a summary of the Council's post war construction programme at the 31st December, 1963 :—

		Aluminium					Total
		Tradi- tional	Swedish Timber	Bungalows Temp.	Perm.	Aireys	
Houses completed by contract for Local Authority	1056	8	40*	40	82	1,226	
Houses completed by Small Builders' Scheme	28	—	—	—	—	28	
Houses under construction by contract for Local Authority	44	—	—	—	—	44	

*Twenty of these temporary aluminium bungalows have been removed.

Houses constructed by Private Enterprise.

96 houses were erected by private enterprise and occupied during the year.

11. SANITARY INSPECTION OF THE AREA—SUMMARY.

Housing	.....	.....	.....	.....	.....	.....	422
Caravans	.....	.....	.....	.....	.....	.....	50
Infectious disease		.....	.....	.....	.....	.....	585
Rodent control		.....	.....	.....	.....	.....	119
Pest control	.....	.....	.....	.....	.....	.....	35
Food premises, food inspections, etc.					.....	.....	97
Water samples, supplies and investigations						.....	98
Trade effluent samples			.....	.....	.....	.....	195
Drainage	.....	.....	.....	.....	.....	.....	221
Nuisances	.....	.....	.....	.....	.....	.....	46
Conversions	.....	.....	.....	.....	.....	.....	4
Smoke observations	.....	.....	.....	.....	.....	.....	4
Factories	22
Public Cleansing		136
Miscellaneous	149
Re-inspections	171
				Total	2,354

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